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(to be used for all correspondence after initial filing)

		Application Number	10/802,124
		Filing Date	March 15, 2004
		First Named Inventor	JONES, TIMOTHY N.
		Art Unit	Unassigned
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	018563-006010US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP James M. Heslin	Reg. No. 29,541
Signature		
Date	May 7, 2004	

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Typed or printed name	Edward Masinas		
Signature		Date	May 5, 2004

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On S - S - 04

TOWNSEND and TOWNSEND and CREW LLP

By: Edward Masinas
Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TIMOTHY N. JONES et al.

Application No.: 10/802,124

Filed: March 15, 2004

For: SUBDIVIDING A DIGITAL DENTITION MODEL

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/264,547, filed March 8, 1999 (Attorney Docket No. 018563-006000US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

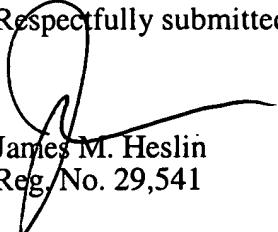
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

PATENT
Attorney Docket No.: 018563-006010US
Client Reference No.: AT-00109.1



representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

James M. Heslin
Reg. No. 29,541

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60207686 v1

MAY 07 2004

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	3	Attorney Docket Number	018563-006010US
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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	3,660,900	05-09-1972	Andrews	
	2	3,860,803	01-14-1975	Levine	
	3	4,504,225	03-12-1985	Yoshii	
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	5	4,755,139	07-05-1988	Abbatte et al.	
	6	4,798,534	01-17-1989	Breads	
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	9	5,011,405	04-30-1991	Lemchen	
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	21	5,382,164	01-17-1995	Stern	
	22	5,395,238	03-07-1995	Andreiko et al.	
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	40	5,799,100	03-10-1998	Clarke et al.	
	41	5,800,174	09-01-1998	Andersson	

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

60207686 v1

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
				Application Number	10/802,124
				Filing Date	March 15, 2004
				First Named Inventor	JONES, TIMOTHY N.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	018563-006010US

U.S. PATENT DOCUMENTS+					
		Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. ¹	Number Kind Code ² (<i>if known</i>)	MM-DD-YYYY		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (<i>if known</i>)				
42	WO	94/10935		05-26-1994			<input type="checkbox"/>
43	FR	2 369 828		06-02-1978			<input type="checkbox"/>

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/802,124
(use as many sheets as necessary)				<i>Filing Date</i>	March 15, 2004
				<i>First Named Inventor</i>	JONES, TIMOTHY N.
				<i>Art Unit</i>	Unassigned
				<i>Examiner Name</i>	Unassigned
Sheet	3	of	3	<i>Attorney Docket Number</i>	018563-006010US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	44	<i>ARS Materials, Inc., Technical Magazine</i> , http://www.essix.com/magazine/default.html , 08/97, 7 pgs.		
	45	<i>Biostar Operation & Training Manual</i> , Great Lakes Orthodontics, Ltd., 20 pgs.		
	46	<i>Chiappone, Constructing the Gnathologic Setup and Positioner</i> , <i>J. Clin. Orthod.</i> , Vol. 14, No. 2, 02/80, pp. 121-133.		
	47	<i>Cottingham, Gnathologic Clear Plastic Positioner</i> , <i>Am.J.Orthod.</i> , Vol. 55, No. 1, 01/69, pp.23-31.		
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	52	<i>Kesling, the Philosophy of the Tooth Positioning Appliance</i> , <i>Am. J. Orthod. Oral. Surg.</i> , Vol. 31, No. 6, 06/45, pp. 297-304.		
	53	<i>Kleeman et al., The Speed Positioner</i> , <i>J. Clin. Orthod.</i> , Vol. 30, No. 12, 12/96, pp. 673-680.		
	54	<i>Kuroda et al., Three-dimensinal Dental Cast Analyzing System Using Laser Scanning</i> , <i>Am. J. Orthod Dentofac. Orthop.</i> , Vol. 110, No. 4, 10/96, pp. 365-369		
	55	<i>Resin (Orthocon)</i> , <i>Nippon Dental Review</i> , Vol. 452, 06/80, pp. 61-74.		
	56	<i>Sheridan, Moving Teeth with Essix™ Appliances: Windows & Divots™, Essix™ Appliances, Fabrication, Application and Rationale</i> , <i>Raintree Essix &</i>		
	57	<i>Shilliday, Minimizing Finishing Problems with the Mini-positioner</i> , <i>Am. J. Orthod Vol. 59</i> , No. 6, 06/71, pp. 596-599.		
	58	<i>Warunek et al., Physical and Mechanical Properties of Elastomers in Orthodontic Positioners</i> , <i>Am. J. Orthod. Dentofac. Orthop. VoL 95</i> , No. 5, 05/89, pp. 388-400.		
	59	<i>Wells, Application of the Positioner Appliance in Orthodontic Treatment</i> , <i>Am. J. Orthodont. Vol 58</i> , No. 4, 10/70, pp. 351-366.		

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				<i>First Named Inventor</i>	JONES, TIMOTHY N.
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Sheet	4	of	3	<i>Attorney Docket Number</i>	018563-006010US

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	60	Yoshii, Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.)-I. The D.P. Concept and Implementation of Transparent Silicone		
	61	Yoshii, Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.)-II. The D.P. Manufacturing Procedure and Clinical Applications, Nippon Dental Review, Vol. 454, 08/80, pp. 107-130).		
	62	Yoshii, Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.)-III. The General Concept of the D.P. Method and its Therapeutic Effect, Part 1. Dental and Functional Reversed Occlusion Case Reports, Nippon Dental Review, Vol. 457, 11/80, pp. 146-164.		
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